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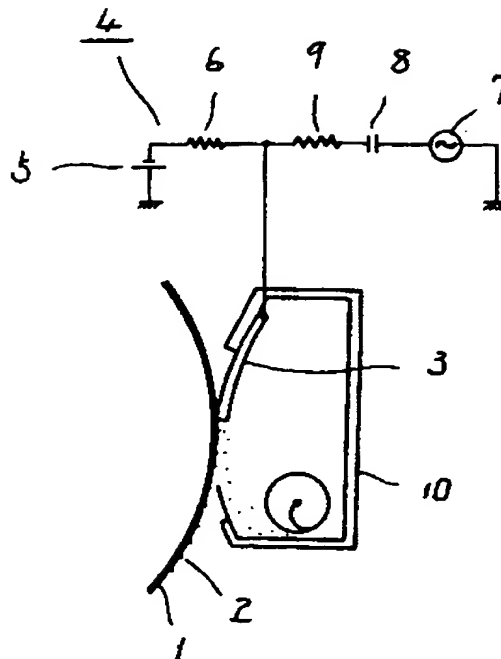
APPLICATION DATE : 13-01-84
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APPLICANT : TOSHIBA CORP;

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TITLE : CHARGING DEVICE



ABSTRACT : PURPOSE: To prevent the surface of a charger from damages by forming a conductive plate-like member and a voltage applying means to the member and contacting the conductive plate-like member to the surface of a body to be charged having an amorphous silicon surface layer to charge the surface.

CONSTITUTION: A photosensitive body 1 having an amorphous silicon surface layer carries toner 2 electrostatically and rotates under the toner-carrying status. The conductive plate-like member 3 is contacted with the photosensitive body 1 and connected to a DC power supply 5(500~10³V) and an AC power supply 7(400~600V)(400~10³Hz) through an elastic metal or conductive member.

The toner 2 adhered to the photosensitive body 1 can be cleaned up simultaneously with the charging and the toner can be recovered by combining a toner recovering device 10 with the device concerned. Thus, ozone is not generated and the surface of the photosensitive body is prevented from damages.

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